20010408.qrp v02_n153.qrl.20010408

Date: Sun,  8 Apr 2001 19:03:09 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2153

QRP-L Digest 2153

Topics covered in this issue include:

    by "George Osier" <gosier@twcny.rr.com>
20) [95924] 10m Red Hot @ Sunset!
    by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
21) [95925] Re: RF into networks
    by "Phil (VA3UX)" <phil@vaxxine.com>
22) [95926] Re: UA0AZ .... 700 mw on 20 meters
    by "Alan Slusher" <aslusher@sunbeach.net>
23) [95927] AL7FS still on 20
    by Dan Robbins <kl7y@alaska.net>
24) [95928] AL7FS about to give up...tired.
    by Dan Robbins <kl7y@alaska.net>
25) [95929] OPERATING - Scout Snipe Hunt
    by n5ib@juno.com
26) [95930] Re: Robot Wars-OT
    by Pete Burbank <plburbank@kih.net>
27) [95931] 38 Special Freq
    by "Michael T. Haynie, KC0EXP" <kc0exp@caddistech.com>
28) [95932] Re: Labeling method's
    by Pete Burbank <plburbank@kih.net>
29) [95933] SD-20 Pole, other Sources
    by George Gingell <k3tks@u1.abs.net>
30) [95934] Re: Labeling method's OSE URL?
    by "Denis Englander" <ko6gf@slip.net>
31) [95935] Re: Labeling method's - Good Ocean State URL
    by "Denis Englander" <ko6gf@slip.net>
32) [95936] Telephone Wire
    by George Gingell <k3tks@u1.abs.net>
33) [95937] IOWA QRP-10A and SW-30+
    by "Chuck Adams, K7QO" <k7qo@earthlink.net>
34) [95938] AT activation in MD
    by "Nick Yokanovich" <k3ny@cablespeed.com>
35) [95939] MD on the AT Sunday
    by "Ron Polityka" <wb3aal@fast.net>
36) [95940] Another PDF on Ladder Lines
    by "Phil (VA3UX)" <phil@vaxxine.com>
37) [95941] Ladder line articles (N7WS Website)
    by "Phil (VA3UX)" <phil@vaxxine.com>
38) [95942] need PS scematic for ps14k
    by "kw3u@warwick.net" <kw3u@warwick.net>
39) [95943] Re: Telephone Wire
    by Dave Fouchey <dafouchey@home.com>
40) [95944] AT in MD on 40M
    by "Ron Polityka" <wb3aal@fast.net>
41) [95945] K3NY on AT in MD
    by "Ron Polityka" <wb3aal@fast.net>
42) [95946] OP:Beacon Alert:
    by "Richard Matthews" <prm@hiwaay.net>
43) [95947] Re: K3NY on AT in MD

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Date: Sat, 07 Apr 2001 14:59:15 +0100
From: Dan Robbins <kl7y@alaska.net>
To: qrp-l messages <qrp-l@lehigh.edu>
Subject: [95905] AL7FS update at 2300Z
Message-ID: <3ACF1D33.A77A2B04@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well, still slowing down but...

Monty, N5FC, called me with 50 mw and low and behold, I heard him.

Thanks, Monty for the QRPp from TX.

Last half hour was TX, CA and MO on 15

Starting to hear 5s on 10 meters.  If not much more on 15 I may move.  I will post when I do.

73, Jim, AL7FS

---

Date: Sat, 7 Apr 2001 16:00:31 +0000
From: flyer@value.net
To: qrp-l@lehigh.edu
Subject: [95906] Real Time Solar Data????
Message-ID: <200104072259.PAA41940@value.net>

I have just downloaded W6EL's propagation software and am interested in seeing how well it correlates with the real world.

Right now, 2240 UTC, 10 meters is open from California to Pennsylvania, the Bahamas, Argentina, Costa Rica, Hawaii, and Japan, among other places.

Where on the Web can one get daily or real time readings of solar flux, or sunspot numbers, and the k index?

I am sure this question has been asked and answered many times, but as one's interests change, the questions come up again. Please respond directly to me to limit the bandwidth.

TIA,

Mark Smith  W7MTP   Pleasanton, CA

---

Date: Sat, 7 Apr 2001 19:15:55 -0400 (EDT)
From: Karl Banaszek <kaylon@golden.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [95907] Tuna Tin Assembly Question
Message-ID: <200104072315.TAA09504@titan.golden.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thanks to everybody that answered my question on the Capacitor.

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Date: Sun, 08 Apr 2001 07:20:10 -0400
From: larrykosch@glasscity.com
To: qrp-l@lehigh.edu
Subject: [95908] Ten Tec 556
Message-ID: <5.0.0.25.1.20010408071948.009f48d0@pop3.norton.antivirus>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Gang

I have a Ten Tec Argo 556 1 to 5 Watt CW and SSB for sale...It has noise blanker,manual,mike
and two module of your choice...All for $345  plus $8 shipping in the US 48...In very good
condition....Have modules for 80m-40m-17m-15m-10m...Other modules will be after radio is sold
at $25 each...TNX Larry K8EJU...

k8eju@arrl.net

---

Date: Sun, 08 Apr 2001 07:20:54 -0400
From: larrykosch@glasscity.com
To: qrp-l@lehigh.edu
Subject: [95909] MFJ-6Meters
Message-ID: <5.0.0.25.1.20010408072031.009f0c40@pop3.norton.antivirus>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Gang

I have a MFJ-9406 rig for sale...10watts pep on SSB and has the CW adapter in it..With manual
and mike...In very good condition...Will sell for $170 plus $5 shipping in the US 48...
           TNX Larry K8EJU

k8eju@arrl.net

---

Date: Sat, 07 Apr 2001 15:27:23 +0100
From: Dan Robbins <kl7y@alaska.net>
To: qrp-l messages <qrp-l@lehigh.edu>
Subject: [95910] AL7FS - Going to try 10 meters for while
Message-ID: <3ACF23CB.73AE91F5@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Time is 2325Z and 15 is not productive so I may be band hopping a bit.

There was a WA5 calling CQ on 10 mtrs QRP freq. a few minutes ago so I
will go check that out.

Comments on 40 meters.  sunset is after 0500Z here so I doubt we will
get there.  I am trying to convince Dad to try it at around 0300 or
0330Z but he is very dubious.

One one Q last 30 minutes, Dave in MO.

73, Jim

---

Date: Sat, 07 Apr 2001 19:47:07 -0400
From: Fred Lesnick <flesnick@tbaytel.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, QRP Canada <qrp-
canada@lists.gpfn.sk.ca>
Subject: [95911] AL7FS 579 on 28.061
Message-ID: <3ACFA6FB.C368A792@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

 Hearing Jim a 579 on ten metres now(2345z), cranked the HTX 100 down to
1 watt and gonna try on the antron 99..
73
Fred
VE3FAL

---

Date: Sat, 07 Apr 2001 19:54:19 -0400
From: Fred Lesnick <flesnick@tbaytel.net>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, QRP Canada <qrp-canada@lists.gpfn.sk.ca>
Subject: [95912] AL7FS wrked on 28 mHz
Message-ID: <3ACFA8AB.570EB22F@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

  Just worked Jim at 2349z...579, and I got a 449...Running 1 watt into my antron 99...Wow, I can finally apply for my 1000m/watt award...
Fred
VE3FAL

---

Date: Sat, 07 Apr 2001 16:24:06 +0100
From: Dan Robbins <kl7y@alaska.net>
To: qrp-l messages <qrp-l@lehigh.edu>
Subject: [95913] AL7FS QSY to 20
Message-ID: <3ACF3116.BC8F3D08@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jim says he is going to try 20m now.  --KL7Y

---

Date: Sat, 7 Apr 2001 18:42:43 -0600
From: "Rod Cerkoney" <n0rc@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, "ncarc-l" <ncarc@qth.net>, "Flying Pigs" <fpqrp-l@mpna.com>, <elecraft@qth.net>
Subject: [95914] 0039z  AL7FS @ 14061MHz 559 WID QSB
Message-ID: <OE43YQYx3G5aYY61LEd00000acd@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;   charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If you need AK, here is your chance, Jim is there now.

This time 5W with NC20 and attic dipole.

73, Rod N0RC
Ft Collins CO

---

Date: Sat, 07 Apr 2001 20:57:43 -0400
From: "Phil (VA3UX)" <phil@vaxxine.com>
To: qrp-l@Lehigh.EDU
Subject: [95915] Re: Final Progressive Receiver Photo
Message-ID: <3.0.5.32.20010407205743.007a88b0@vaxxine.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Really nice work Ed.  This is a good size project.

Thanks for the link to the excellent pdf article but unfortunately it is restricted to "members only".

Not too long ago the articles on these ARRL "TIS" pages were available to all.  Recently they've restricted them to members.  This is a disappointing and somewhat frivalous change in policy in my opinion.  Making selected past good works available to everyone is perhaps one of the best inducements to new subscriptions a publisher could offer. Restricting or "hiding" this same material from non-members/subscribers does not encourage new members and it certainly does not create any goodwill.  What can be gained by ARRL by restricting a 20 year old article ? And what can possibly be lost by ARRL by making it available to the public ? I would ask anyone else that feels the same way as I do to e-mail ARRL with your comments. At least one example that I know of where the publisher feels that putting previously published work on the web for the public is a good thing,  can be found at Guitar Player Magazine's website.

Phil

At 12:41 PM 4/7/2001 -0400, Ed Kessler wrote:
>I've uploaded a photo of my "completed" Progressive Receiver as well as a
>few notes on installing the K1MG Clock / Counter Kit.  The photo can be
>seen on the following page:
>
>http://www.qsl.net/aa3sj/Pages/Prog-Receiver.html
>
>Building your own stuff is a great way to learn more about the electronics
>of radio, and besides, it's fun!
>
>For those interested,
>
>73s
>Ed AA3SJ
>
>Ed Kessler  AA3SJ
>950 Woodside Station Road
>Millersburg, PA  17061

>
>website:  http://www.qsl.net/aa3sj
>
>
>

---

Date: Sat, 07 Apr 2001 21:11:12 -0400
From: "Phil (VA3UX)" <phil@vaxxine.com>
To: qrp-l@Lehigh.EDU
Subject: [95916] Re: Dipole vs. end fed 1/2 wave?
Message-ID: <3.0.5.32.20010407211112.007b1a30@vaxxine.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well said Warren.

And your final comment about trying the same antenna "on another day"
should be given careful consideration by all.  I've helped a few newcommers
in the area when trying a new idea for an antenna.  I remember one case
where the guy put this thing up on a Saturday and took it down on Sunday.
He said, "it was crap....yep, didn't work at all" (it was a 15 meter dipole
!!).  I told him that we were in the middle of a geomagnetic storm - the
bands were mostly dead anyway.  "Oh!" came the reply.

A "so-so" antenna will hear all kinds of signals when the bands are hopping
and the propagation is good.  A great antenna won't hear diddly when the
band is dead (would anyone judge their 10 meter antenna based on listening
at 3 AM ?) .

Phil

At 04:55 PM 4/7/2001, you wrote:
>
>My comments/opinion.....  If asked to a almost universally good simple for
>one band, use a dipole. You can't go wrong. It will work. You don't have to
>understand much about it, and you don't need a tuner, radials or anything
>else. For multiband operation, I would like suggest a dipole, fed with open
>line and a tuner. Is a dipole thus the best thing for YOU to put up in YOUR
>particular situation?
>
>That is a totally different question! What is YOUR particular situation? Do
>you want an permanent antenna for home use, or do you want something to take
>on a back packing trip? What kind of supports do you have and where are they
>located? The list goes on and on. That is why the antenna book is so thick,
>and so many articles are written about antennas and everyone has their

>favorites and opinions.
>
>The end fed antenna requires a tuner of some sort. It also requires some
>sort of ground/radial/counterpoise to tune against. One end of the antenna
>will be at your radio. That might be high or low depending on where your
>radio is. For camping, an end fed antenna can be great. Throw a rope into a
>tree to pull up the far end, connect the other end to the tuner built into
>your radio, throw some wire on the ground and connect it to the radio case
>and you are done. It works. You probably can get away without any
>insulators. Simple, light weight, compact and cheap, what more can you ask
>for?
>
>Which is best, a dipole or end fed half wave? Put them both up if you can,
>and see which works best. More importantly, put something up and just use
>it. If it doesn't seem to be good one day, try another (day, not antenna!).
>
>Good luck and enjoy,
>72/73,
>Mike WA8BXN
>
>_____
>Get your FREE download of MSN Explorer at http://explorer.msn.com
>
>
>

---

Date: Sat, 07 Apr 2001 21:32:05 -0400
From: "Phil (VA3UX)" <phil@vaxxine.com>
To: mmfancher@earthlink.net
Cc: qrp-l@Lehigh.EDU
Subject: [95917] Re: QRP with TS-940
Message-ID: <3.0.5.32.20010407213205.007a8dd0@vaxxine.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 05:28 PM 4/7/2001 -0400, you wrote:
>I'm thinking about purchasing subject QRO rig.  Before you give me a
>razzing, I'd like to know if this model is capable of being adjusted to QRP
>output levels.
>

It certainly is Mark.  It can be turned down to a single watt or whatever
you like.  Great receiver in that box.  One thing to be aware of is that
with many of the solid state transmitters (like your TS-940 and certainly
my TS-930),  the IMD performance deteriorates as the power output level is

turned down (ie. they're usually cleaner at full output than they are at reduced power levels). Having said that - only because I know about it - I don't think it really matters much if a 1 or 5 watt signal is slightly on the dirty side.

Phil

>Thanks!
>Mark Fancher, WO9G
>mmfancher@earthlink.net
>
>
>

---

Date: Sat, 7 Apr 2001 21:35:03 -0400 (EDT)
From: George Gingell <k3tks@u1.abs.net>
To: G3zbe <alex.g3zbe@ntlworld.com>
Cc: <GQRP@yahoogroups.com>, QRP List <qrp-l@Lehigh.EDU>, "N.J. QRP Club List Server" <njqrp@njqrp.org>, KnightLite QRP Club <klqrp@applegate.org>
Subject: [95918] What is "72" ?
Message-ID: <Pine.BSF.4.33.0104072115360.99566-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 7 Apr 2001, G3zbe wrote:

> Hi,
> What does the 72/73 abbreviation mean? I noticed it7in 2/73 in Sprat this
> month as well.
> Just curious!
> Alex

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

I might also add that Several of the World Federation of QRP Clubs Voted to Adopt this for general use in the QRP World back at that time.

G-QRP first Announced it in SPRAT #68 Autumn 1991 with a Guest Editorial by Gus, G8PG.

The First use by G3RJV, that I was able to locate, was in SPRAT #69 Winter91/92 Page 2. (72/73 George).

October 1991 Page 2, The QRP ARCI Quarterly Journal.

72: Wishing You Good QRP  BOD Approves "72" suggested by U-QRP Club.
O.K. QRP, DLAGCW, VK QRPp CW Club, G-QRP also adopted it.

I also Have the "Button Badge" that appeared at Dayton '92.

The New England QRP Club used "72" as the name of their Club Newsletter
in 1992. President Jim Fitton, W1FMR, Editor John Collins, KN1H.
72 & QRP DX!

So, there you have a short History of "72"

I was also reminded in reading SPRAT #69 Page 37, That I was caught using
it on QRPp Dx to Portugal that October. :^}

Thanks for the Question, It gave me a chance to share a bit of QRP
History.

Sir George, The First :^)

72 ES
QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
Former QRP A.R.C.I. Net Manager and Board of Director Member.
Gingell & Company, Ltd. Small Business Telephone Systems
Notary Public and Commercial Locksmith Services (301) 572-6789 Office & Fax
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301)572-6789
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N  Silver Spring, MD 20904 QRPea.A.

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

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Date: Sat, 07 Apr 2001 20:36:46 -0700
From: "Steve Yates, AA5TB" <aa5tb@arrl.net>
To: QRP-L Distibute <qrp-l@Lehigh.EDU>
Subject: [95919] Re: Dipole vs. end fed 1/2 wave?
Message-ID: <000301c0bfdd$2570c900$a8703ed8@pavilion>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Hi Denny,

A dipole and an end-fed halfwave antenna are one in the same, at least electrically. The only difference is how you are feeding energy into the wire and which feed method is the most convenient for your application. I have some more detailed information that you may be interested in on the following pages:

http://www.geocities.com/aa5tb/efha.html

http://www.geocities.com/aa5tb/halfwave.html

http://www.geocities.com/aa5tb/coupler.html

73,
Steve Yates - AA5TB
Fort Worth, Texas
Grid Square: EM12gs
aa5tb@arrl.net
http://www.geocities.com/aa5tb

---

Date: Sun, 08 Apr 2001 01:43:46 +0000
From: Michael Rioux <mike@rioux.org>
To: "Rod Cerkoney" <n0rc@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, "ncarc-l" <ncarc@qth.net>, "Flying Pigs" <fpqrp-l@mpna.com>, <elecraft@qth.net>
Subject: [95920] Re: [Elecraft] 0039z AL7FS @ 14061MHz 559 WID QSB
Message-ID: <5.0.2.1.0.20010408013754.00ae5330@pop.ne.mediaone.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Thank you Jim! Your were my first CW QSO in 11 years!
I had to try the K2 on CW. You know what? I'm kinda liking CW again!
There is something about making a Q from a radio you built yourself.
And the key was the NORCAL key! Totally built here. And on battery.
It just doesn't get any better than this. Thanks Jim for your patience!
73 de W1USN, Mike
K2 #1964

At 06:42 PM 4/7/01 -0600, Rod Cerkoney wrote:
>If you need AK, here is your chance, Jim is there now.
>
>This time 5W with NC20 and attic dipole.
>

>73, Rod N0RC
>Ft Collins CO
>
>---
>Submissions:  elecraft@qth.net (You must be subscribed to post)
>Postings must be sent from the exact same addr. as subcribed.
>Please note: The list server automatically rejects HTML encoded emails.
>List Archive page:  http://www.qth.net/archive/elecraft/elecraft.html
>Elecraft Web Page:  http://www.elecraft.com

_____
SI VIS PACEM, PARA BELLUM

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Date: Sat, 07 Apr 2001 22:02:19 -0400
From: Fran Flynn <fflynn@adelphia.net>
To: qrp-l Discussion <qrp-l@Lehigh.EDU>
Subject: [95921] Fox hunt log Km1z
Message-ID: <3ACFC6AB.34E738FB@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks to all involved, it was lots of fun.

Here are all the foxes I found, it was a wild and crazy night!

Extreme Fox 4/3/2001

KB1ENS 55N VT JOHN 5W
N1BQ   55N VT BRIAN 5W
AF4PS  55N FL MAC 5W
VE3FAL 55N ON FRED 5W
N0UR   55N MN JIM 5W
K0EVZ  55N ND TED 5W
K2QO   57N NY MARK 5W
W8RU   55N MI RON 5W
N0AR   55N MN SCOTT 4W
KV2X   55N NY TONY 5W
N0IT   55N MO DAVE 5W
W9JOP  55N VA BOB 3W

72 de Fran, Km1z

---

Date: Sat, 7 Apr 2001 21:04:37 -0500
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: "QRP List" <qrp-l@Lehigh.EDU>
Cc: "MFSK" <MFSK@egroups.com>, "pigs" <fpqrp-l@mpna.com>, "PSK31 List" <psk31@bipt106.bi.ehu.es>
Subject: [95922] RF into networks
Message-ID: <002201c0bfd0$463a42e0$0300a8c0@bergenbrunswig.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Anyone had any experience keeping RF out of networks?

Got a 100 m. Ethernet LAN here running CAT5 UTP.  I run PSK31 remotely over the network from a computer in a different part of the house.  I can run some bands just fine, but 40 and 30 give me problems.  DigiPan locks up and I lose the remote connection.

If I go into the shack, the host computer is still running just fine.  I have no problems running from that computer. Those two bands included.

So, I suspect that RF is getting into the network cabling.  I run only 2 watts but two network lines run from the shack, into the attic and across to the family room where I operate.  I have radials from the Butternut HF9V running across the roof in the general vicinity.

Any ideas of what filters such as ferrite beads or other chokes I could put over the network cabling?  If so, where?  At each end?  By the hub?

Any suggestions?  Don't anyone bother suggesting I replace the TP with coax. Not an option.

Dan W. Dooley  WB5TKA  Bedford, Texas  EM12ku
   e-mail to: dandooley@pipeline.com
   Web site: http://www.qsl.net/wb9tka
SOC #198, FPQRP # -104
May Goddes love blest ye alle
"Ancient Pistol, I do partly understand your meaning."

---

Date: Sat, 7 Apr 2001 22:12:37 -0400
From: "George Osier" <gosier@twcny.rr.com>
To: <qrp-l@lehigh.edu>
Subject: [95923] UA0AZ .... 700 mw on 20 meters
Message-ID: <006b01c0bfd1$61dcbc20$25191842@twcny.rr.com>

MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello All !!!

Worked Alex , UA0AZ in Krasnoyarsk with 700 mw on 20 meter CW !!! Antenna was a Alpha Delta DXEE sloper up 20 ft. 20 is noisy but seems ok.

73s
George , N2JNZ / QRPp

---

Date: Sat,  7 Apr 2001 21:25:41 -0500
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [95924] 10m Red Hot @ Sunset!
Message-ID: <200104080225.AA00289@bolshoi.cc.misu.nodak.edu>
Content-Type: text/plain
Mime-Version: 1.0 (NeXT Mail 4.2mach_patches v148.2)

     Heard all kinds of tasty stuff on 10m, along with phone invaders probably from south of the border.  Not many US stations heard in the CW segment, maybe 2-3.  At any rate, heard the following from 0045-0115 (more on this in a minute):

ZL1CDX
PY4AJA
NH6JC     Hawaii
PY2JM
KP3??

     Most of these were 599+ into ND, and I attempted to work the first four.  Coundn't figure out why I wasn't getting a rise out of them.  Went to check the SWR on the antenna again, and found the transmitter wasn't connected! <big sheepish grin>  Ah, what could have been... :-)  Also heard 10m beacons in Sao Paulo Brazil and Australia, so the band was *wide* open.  Where *WAS* everybody???

72/73,

Todd, AG0T
QRP-L #2211, ND

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Date: Sat, 07 Apr 2001 22:41:25 -0400
From: "Phil (VA3UX)" <phil@vaxxine.com>
To: dandooley@pipeline.com
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [95925] Re: RF into networks
Message-ID: <3.0.5.32.20010407224125.007c2850@vaxxine.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

No experience here with the exact application you have Dan, but a visit to Amidon's website would be worthwhile. There is a variety of split ferrite beads and slabs available for network cabling, and these will likely take care of the problem. RF could also be getting in through the power supply although these supplies are usually fairly well filtered (both in and out). Still, it only takes a minute to wind the power cord through a 2 inch toroid a few times to find out.

http://www.bytemark.com/amidon/sectwo.htm

http://www.amidoncorp.com/

http://www.surpluselectronics.com/Products/ferrite_products.htm

http://www.act1.com/app_ferrite.html

Phil

At 09:04 PM 4/7/2001 -0500, Dan W. Dooley wrote:
>Anyone had any experience keeping RF out of networks?
>
>Got a 100 m. Ethernet LAN here running CAT5 UTP. I run PSK31 remotely over
>the network from a computer in a different part of the house. I can run
>some bands just fine, but 40 and 30 give me problems. DigiPan locks up and
>I lose the remote connection.
>
>If I go into the shack, the host computer is still running just fine. I
>have no problems running from that computer. Those two bands included.
>
>So, I suspect that RF is getting into the network cabling. I run only 2
>watts but two network lines run from the shack, into the attic and across to
>the family room where I operate. I have radials from the Butternut HF9V
>running across the roof in the general vicinity.
>

>Any ideas of what filters such as ferrite beads or other chokes I could put
>over the network cabling?  If so, where?  At each end?  By the hub?
>
>Any suggestions?  Don't anyone bother suggesting I replace the TP with coax.
>Not an option.
>
>Dan W. Dooley  WB5TKA  Bedford, Texas  EM12ku
>   e-mail to: dandooley@pipeline.com
>   Web site: http://www.qsl.net/wb9tka
>SOC #198, FPQRP # -104
>May Goddes love blest ye alle
>"Ancient Pistol, I do partly understand your meaning."
>
>
>

---

Date: Sat, 7 Apr 2001 22:40:27 -0300
From: "Alan Slusher" <aslusher@sunbeach.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [95926] Re: UA0AZ .... 700 mw on 20 meters
Message-ID: <001401c0bfcc$e9200fc0$f0c503c4@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hello All !!!

Worked Alex , UA0AZ in Krasnoyarsk with 700 mw on 20 meter CW !!! Antenna was a Alpha Delta DXEE sloper up 20 ft. 20 is noisy but seems ok.

73s
George , N2JNZ / QRPp

---

George:

That was much better than my humble effort with Alex at about 0140Z on April 8 (I guess near to the time you made your contact).  I was running an Argo 556 at just over 3 watts into my version of L.B. Cebik's 44ft doublet up about 25ft.  He gave me a 579, and was about that same level here on a bright, moonlight night in Barbados.

Cheers,

72, Alan  8P9BM

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Date: Sat, 07 Apr 2001 18:42:50 +0100
From: Dan Robbins <kl7y@alaska.net>
To: qrp-l messages <qrp-l@lehigh.edu>
Subject: [95927] AL7FS still on 20
Message-ID: <3ACF519A.FC5AED01@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have been working quit a few stations on 20 and the east coast is
still in.  Just worked AE4GX in GA and /? in NY,

30 meter antenna is out of order or I was going to go there.

40 meter I am not sure and I have to leave in a bit over an hour.

Over 80 QSOs so far.  THANKS!!

73, Jim, AL7FS

Back to 20 for a bit.

---

Date: Sat, 07 Apr 2001 18:50:15 +0100
From: Dan Robbins <kl7y@alaska.net>
To: qrp-l messages <qrp-l@lehigh.edu>
Subject: [95928] AL7FS about to give up...tired.
Message-ID: <3ACF5357.C07759E8@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I think we are going to listen to 40 meters just a bit and then quit.
20 seems to be kinda quiet, although I suspect the bands are still open.

Thanks everyone.  It has been fun.  If I get on 40 meters it will be a
fluke as it is still 2 hours till sundown here.

73, Jim, AL7FS

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Date: Sat, 07 Apr 2001 22:58:14 EDT
From: n5ib@juno.com
To: qrp-l@Lehigh.edu
Subject: [95929] OPERATING - Scout Snipe Hunt
Message-ID: <20010407.215740.4655.0.n5ib@juno.com>

Well I wasn't left holding the bag, but not by much - just two Snipe QSO's - but an important lesson learned...

I was one of three hams at the Camp to do the demo and code instruction. The other two are QRO, or at least non QRP ops, and they brought up The Antenna to use with the 100W rig, etc, Well, says I, nice robust trap dipole, hefty wire, bug traps, large AWG ladder line, ought to be real low loss, maybe pretty good bandwith, and all that. We'll get it up 40 ft or so between a couple of tall pines and have Much QRP Fun with this splendid antler.

To make a short story longer, this antenna didn't work worth anything. I called CQ Snipe for 45 min and thanks only to Chuck in GA that I wasn't skunked. The antenna showed a good match through a tuner (ladder line fed) using either the rig or an MFJ analyzer, but it was finicky to tune.

In frustration I tossed, in the dark, the center of one of my lightweight little dipoles up about 20' in a hackberry tree, with the ends draped over some underbrush. The improvement (in A/B direct comparisons) was not one, but SEVERAL S-units on receive, and I promptly had a nice QSO with a member of QRP-L and the SW-30 MH-101 project. But it was getting too far past my bedtime for more Snipe hunting.

The lesson - poor equipment can be masked by enough power to make up for the defficiency. Guess what antenna the QRO station was using today? Yep, a QRP made-on-the-spot special done with the usual recycled bits of plastic and #22 wire, fed with the ever-present short roll of ladder line. Being MUCH lighter it was waaay easier to hoist it up. I had to leave camp early to go umpire, but left that antler with them to enjoy. **And** got an invitation to visit a couple of shacks and consult on antennas :^)) maybe even made a convert or two.

BTW - The Scouts had a ball playing with keys and sending and listening to code. One kid had a "natural fist" and was even going with a paddle in about 10 minutes. Have a great photo of three kids sitting there sending code using the K-2 in Test mode as a CPO, with the cover off and them admiring the guts.

72
Jim N5IB



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Date: Sat, 07 Apr 2001 23:35:28 -0400
From: Pete Burbank <plburbank@kih.net>
To: kd1jv@moose.ncia.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [95930] Re: Robot Wars-OT
Message-ID: <5.0.2.1.0.20010407232150.00a90c50@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 01:19 PM 4/7/2001 +0000, Steven Weber wrote:
>Hi Gang,
>
>I'll gotta tell ya, I'm getting hooked on watching these so called
>"robot" wars

Hi Steve and gang, \
I work on the Kentucky River as a paddle wheel boat pilot.
We installed the remnants of an RC  boat inside a Decoy duck
and had a fun time with the tourists.
They started scratching their heads when the duck backed up.:-)  HI!! :-)
73 Pete NV4V

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Date: Sat, 7 Apr 2001 21:48:26 -0600
From: "Michael T. Haynie, KC0EXP" <kc0exp@caddistech.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [95931] 38 Special Freq
Message-ID: <LPELINGNAPFNJMEMINEIAELFCCAA.kc0exp@caddistech.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Good evening all,

I recently acquired a NorCal 38 special kit and don't have much experience with kits. I am wondering how others with the 38 special handled knowing the frequency that you are tuned to.

I noticed many of the newer QRP kits have CW freq tones, (i.e. SWL+ freq mite or KC1 system) or a digi display. What do you all recommend for adding this functionality?

Thanks in advance,

Michael Haynie
KC0EXP

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Date: Sun, 08 Apr 2001 00:16:17 -0400
From: Pete Burbank <plburbank@kih.net>
To: tailfeathers@juno.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [95932] Re: Labeling method's
Message-ID: <5.0.2.1.0.20010408001104.00a91110@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 02:37 PM 4/7/2001 -0400, tailfeathers@juno.com wrote:
>It's been a while but I remember someone mentioning different ways to
>label the knobs and switches on qrp rigs or kits that they have built. I
>would hate to resort to a magic marker. Whats available out there?
>
>Thanks Gary
>n8gsj
Ocean State Electronics carries  the Datak Dry transfer line....I think it's OSE.com
Usual disclaimer
NV4V

---

Date: Sun, 8 Apr 2001 01:11:01 -0400 (EDT)
From: George Gingell <k3tks@u1.abs.net>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [95933] SD-20 Pole, other Sources
Message-ID: <Pine.BSF.4.33.0104080102450.7227-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The SD-20 Antenna Support is available from WorldRadio for $ 19.95 plus

$ 5.00 S/H (CA add $ 1.50 tax)  Order from WorldRadio 2120-28th Street

Sacramento, CA 95818 Or call to order by charge cards: (916) 457-3655

It extends from 47 inches to 20 Feet. Weight less than 2 pounds. Per their

Advertisment in the Current Issue of WorldRadio.<http://www.wr6wr.com>

Sir George, The First :^)

72 ES
QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
Former QRP A.R.C.I. Net Manager and Board of Director Member.
Gingell & Company, Ltd. Small Business Telephone Systems
Notary Public and Commercial Locksmith Services (301) 572-6789 Office & Fax
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301)572-6789  IQRR #1
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N  Silver Spring, MD 20904 QRPea.A.

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

---

Date: Sat, 7 Apr 2001 22:16:28 -0700
From: "Denis Englander" <ko6gf@slip.net>
To: <plburbank@kih.net>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [95934] Re: Labeling method's OSE URL?
Message-ID: <000501c0bfeb$22b3c380$f1507fd8@sirus.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang...

I was not able to go to ose.com, nor www.ose.com,
but I did find http://www.ose.com as some marketing firm
...don't think it fits for label stuff... possibly some other URL?

72/73 de KO6GF - Denis in SF

----- Original Message -----

From: "Pete Burbank" <plburbank@kih.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, April 07, 2001 9:16 PM
Subject: Re: Labeling method's

> At 02:37 PM 4/7/2001 -0400, tailfeathers@juno.com wrote:
> >It's been a while but I remember someone mentioning different ways to
> >label the knobs and switches on qrp rigs or kits that they have built. I
> >would hate to resort to a magic marker. Whats available out there?
> >
> >Thanks Gary
> >n8gsj
> Ocean State Electronics carries  the Datak Dry transfer line....I think
> it's OSE.com
> Usual disclaimer
> NV4V
>
>

---

Date: Sat, 7 Apr 2001 22:20:34 -0700
From: "Denis Englander" <ko6gf@slip.net>
To: <plburbank@kih.net>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [95935] Re: Labeling method's - Good Ocean State URL
Message-ID: <000a01c0bfeb$b6627720$f1507fd8@sirus.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang...

I think I have found the URL for Ocean State Electronics:

http://www.oselectronics.com/

Thanks to NV4V for mentioning the firm...looks like a Good'Un!

72/73 de KO6GF - Denis in SF

----- Original Message -----
From: "Pete Burbank" <plburbank@kih.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, April 07, 2001 9:16 PM

Subject: Re: Labeling method's

> At 02:37 PM 4/7/2001 -0400, tailfeathers@juno.com wrote:
> >It's been a while but I remember someone mentioning different ways to
> >label the knobs and switches on qrp rigs or kits that they have built. I
> >would hate to resort to a magic marker. Whats available out there?
> >
> >Thanks Gary
> >n8gsj
> Ocean State Electronics carries  the Datak Dry transfer line....I think
> it's OSE.com
> Usual disclaimer
> NV4V
>
>

---

Date: Sun, 8 Apr 2001 01:58:50 -0400 (EDT)
From: George Gingell <k3tks@u1.abs.net>
To: QRP List <qrp-l@Lehigh.EDU>
Cc: Chuck Adams <k7qo@earthlink.net>
Subject: [95936] Telephone Wire
Message-ID: <Pine.BSF.4.33.0104080120001.8164-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Telephone wire comes in a variety of flavors and colors. Most of what you will find is #24 Gauge Soft Drawn Copper with a PVC insulation. It can be found in 1,2,3,4,6,12, & 25 Pairs with or without an external PVC Outer Sheath, Generally Gray.

The Basic Colors are Blue, Orange, Green, Brown, Slate, with a mateing color or tracer of White, Red, Black, Yellow, and Violet.

A Common 6 pair, #24, CAT3, PVC Cable would be as follows:

Pair #1 = White/Blue,  Pair #2 = White/Orange, Pair #3 = White/Green,

Pair #4 = White/Brown, Pair #5 = White/Slate,  Pair #6 = Red/Blue

The Tip (+) is the Tracer Color (White) and the Ring (-) is The Solid Color (Blue).  Older types used solid color for the tip also. In which case you had 5 leads with the same group color. White, Red, etc.
This ment that you had to be extra careful not to let the cable fan out with out putting an extra bit of twist in the ends. Don't want to split

the pairs. (Number one cause of Crosstalk).

The Color sequence for the Groups and Tracers is White, Red, Black, Yellow, and Violet.

Using the ten colors in combination, you cover 25 pairs. Then each 25 Pair cable becomes a group in a larger cable. White/Blue Binder, White/Orange Binder, Etc.  That is all there is to know about the Primary Color Scheme no matter what size the Cable.

Here is another less Common Color Scheme, which is generally used on Jack wiring and older Quad Cable (Inside House Wiring). Also, the jack wiring cable is usually stranded wiring.

1. Gray  Also  Green/Red  and Black/Yellow
2. Orange
3. Black
4. Red
5. Green
6. Yellow
7. Blue
8. Brown

Another Useful Cable is used in the Alarm Business. I have found it in #24 and #22 Guage, usually Stranded (7 Strands).

Not sure of the Order on it without checking the book. The Colors are generally all solid colors.

Black, Yellow, Blue, Red, White, Lt. Brown, Green, Pink, Violet, Orange, Dk. Brown, and Slate. 12 Conductors.

MFJ used Telephone wire in a lot of their early products. I recall opening an MFJ CW Filter and being pleasently surprised to find Telephone Wire making the connections.

It strips easy, solders well, has some tolerance to bending, and is cheap.

Often Free. Make Friends with your local Telephone Technician.

I am not sure how much Chuck Needed for his project, but I could send some

6 Pair Cat 3 PVC Cable in a Priority Mailer for the Cost of Postage.

Feel free to call me if I can provide more information.

(36 Years with Ma Bell and Relatives).

Sir George, The First :^}

72 ES
QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
Former QRP A.R.C.I. Net Manager and Board of Director Member.
Gingell & Company, Ltd. Small Business Telephone Systems
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George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N  Silver Spring, MD 20904 QRPea.A.

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

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Date: Sun, 08 Apr 2001 06:24:20 +0100
From: "Chuck Adams, K7QO" <k7qo@earthlink.net>
To: qrp-l@Lehigh.EDU
Subject: [95937] IOWA QRP-10A and SW-30+
Message-ID: <5.0.2.1.0.20010408061511.00a09d90@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

Have been working on the web page some today.

The IOWA QRP-10A is done and is now history.  Got the pics
documented and ordered.  I do have a couple of missing slides
but should be able to find them in the next 24 hours.  Just a
pic of the aluminum plate laid out with the rig on top before
bending and then after bending to show the fit before drilling.

On the MH101 project.  I have started building the SW-30+ kit from
Dave Benson and SWL.  This is a step by step procedure with pics.
I am going to test each stage as it is built to help the beginner
better understand the process and what each stage of a rig does.

If you have a SW-30+ or earlier rig you might want to take a look
at this as I progress.  It might help you if you have something

that does not work.  My intent in doing this is to help those that
might be intimidated by building a rig for the first time.  Also
as a training tool for future new hams.  Feedback later after I
get further along would be appreciated and especially if it helps
some one I'd like to hear about it.  So if you have an unbuilt
SW-30+ now is the time to dust it off and start working on it.

Later this summer we will try to work all other SW-30+'s ever
built.

Film at 11,

Chuck Adams, K7QO     CP-60
Prescott, AZ        k7qo@earthlink.net http://www.qsl.net/k7qo http://
moon.pr.erau.edu/~adamsc

These are not the latest.  Forgot to put in the permanent signature file......
The commonwealth of Virginia has left the Union.....  :-)

TMPS-2001   Mar 27, 2001   Q's = 398 States = 47 Counties = 316 DXCC = 13
SWL-30 with CMOS 3 keyer and HB Iambic Paddle   0.500W and vee-beam

States Needed   AK  DE   VA

DXCC --- K  XE VE KH6 V73 HI3 FM5 OH3 C6 ZL1 CO8  ZS6 EA8

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Date: Sun, 8 Apr 2001 06:21:02 -0400
From: "Nick Yokanovich" <k3ny@cablespeed.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [95938] AT activation in MD
Message-ID: <002e01c0c015$9d54cb00$f5462dd8@default>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Inspired by Ron WB3AAL and his talk at Atlanticon,
I will activate the MD section of the AT today, the 8th.

I'll be on the trail in the vicinity of Washington Monument

State Park, just souteast of Boonsboro, MD.  Coordinates
are roughly 39.5N 77.5W.

It is now 0600 EDT and I'll be on the trail by 0800 and
should be on the air calling CQ AT by 0900.  I'll be calling
near the QRP freqs and will start on 20m and move as
condx allow.

Vy 73, Nick K3NY, Arnold, MD (my name isn't Arnold and
I'm not a doctor)

---

Date: Sun, 8 Apr 2001 07:17:57 -0400
From: "Ron Polityka" <wb3aal@fast.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>, ". NJ QRP-L" <njqrp@njqrp.org>
Subject: [95939] MD on the AT Sunday
Message-ID: <001901c0c01d$90dc11a0$98075cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sorry for the late posting. Look for Nick, K3NY, today
on the AT in MD. He will be there rain or shine.

v v v v v v v   Original Message v v v v v v v v v v v v v

    I am going to go no matter what the wx in the A.M.
I will go to Washington Monument State Park, on South
Mountain, just northwest of Frederick, MD.  If the wx is
crappy, I can get the antenna up and operate from the car.
If it's nice I'll go down the trail  a mile or two to find a nice
spot and operate from there.

    Yep, I will be in MD.  I used to have AT maps for the
MD part, but can't find them. I do have a topographic
atlas for the state, and the scale is 1" = 1.6 miles, so
has good detail. I will be at about 1000 ft elevation,
which is about as much as you can get on the AT in
MD I think.

    Will be running K2 to an inverted vee and I'll call
near the QRP freqs. Will start on 20m.  Will call
CQ AT.

Thanks for posting for me!

72 Nick, K3NY

---

Date: Sun, 08 Apr 2001 07:18:03 -0400
From: "Phil (VA3UX)" <phil@vaxxine.com>
To: qrp-l@Lehigh.EDU
Subject: [95940] Another PDF on Ladder Lines
Message-ID: <3.0.5.32.20010408071803.007a9c60@vaxxine.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

For those of you that got the "ladder_line.pdf" from me (written by N7WS), I've found on my hard drive another pdf by N7WS. It's a letter to Dean Straw of ARRL and it concerns transmatch losses. This pdf also came from N7WS' website (which I still can't locate) and I believe the letter was somehow linked to the ladder line pdf.

Just e-mail me if you want it .

Phil

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Date: Sun, 08 Apr 2001 08:55:08 -0400
From: "Phil (VA3UX)" <phil@vaxxine.com>
To: qrp-l@Lehigh.EDU
Subject: [95941] Ladder line articles (N7WS Website)
Message-ID: <3.0.5.32.20010408085508.007a8ec0@vaxxine.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thanks to Craig (K4IA), I now have the new url for N7WS' website. The ladder line pdfs (along with Wes' commentary) are both available there :

http://triconet.org/~wesandlinda/ladder.htm

Phil

---

Date: Sun, 08 Apr 2001 10:14:39 -0400
From: "kw3u@warwick.net" <kw3u@warwick.net>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [95942] need PS scematic for ps14k
Message-ID: <3AD0724F.EE4082@warwick.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi;
      Wondering if someone might have an scematic for a
pyramid mod ps14k power supply. Friend dropped it off.
symtoms are: will run my ic725 connected to dummy load(military
150w canadian marconi co. neat) at 13.8 v on rcv.  in xmt ok till 3 or 4
watts(not
precise) and the voltage shuts down till i stop keying.
    A scanned pix or helpful hints appreciated.
Also fixing pwr sply tips are probably good to cc to reflector here,
IMHO.
   tnx Jim kw3u

---

Date: Sun, 08 Apr 2001 11:05:42 -0400
From: Dave Fouchey <dafouchey@home.com>
To: k3tks@u1.abs.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [95943] Re: Telephone Wire
Message-ID: <4.1.20010408105720.00947ac0@mail>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

A little added info on Telephone cable. Cat Three cable, typically used for voice, is much more loosely twisted than Cat 5 cable which has more twists per inch. cuts down on cross talk particularly when running 100 meg ethernet over it. You will find it in both Poly and Flame Resistant (Plenum Rated) outer insulation depending on if it needs to run through a plenum chamber or not. (E.G. if it penetrates an air handling duct it must be plenum rated, high flame temp.) Makes great wiring for projects where flexing isn't going to be a problem. It comes up to 19 gauge down to 26 gauge fairly commonly. Most of the large Home Centers: Lowes, Home Depot carry it in their wiring areas and you can get an awful lot of wire fairly cheaply.

And if you know a telephone tech we generally have tag ends which we toss and would be happy to give to anyone with a use.

Hope it helps

Dave
WA4EMR/8
At 01:58 AM 4/8/2001 -0400, George Gingell wrote:
>Telephone wire comes in a variety of flavors and colors. Most of what you
>will find is #24 Gauge Soft Drawn Copper with a PVC insulation. It can be
>found in 1,2,3,4,6,12, & 25 Pairs with or without an external PVC Outer
>Sheath, Generally Gray.
>
>The Basic Colors are Blue, Orange, Green, Brown, Slate, with a mateing
>color or tracer of White, Red, Black, Yellow, and Violet.
>
>A Common 6 pair, #24, CAT3, PVC Cable would be as follows:
>
>Pair #1 = White/Blue,  Pair #2 = White/Orange, Pair #3 = White/Green,
>
>Pair #4 = White/Brown, Pair #5 = White/Slate,  Pair #6 = Red/Blue
>
>The Tip (+) is the Tracer Color (White) and the Ring (-) is The Solid
>Color (Blue).  Older types used solid color for the tip also. In which
>case you had 5 leads with the same group color. White, Red, etc.
>This ment that you had to be extra careful not to let the cable fan out
>with out putting an extra bit of twist in the ends. Don't want to split
>the pairs. (Number one cause of Crosstalk).
>
>The Color sequence for the Groups and Tracers is White, Red, Black,
>Yellow, and Violet.
>
>Using the ten colors in combination, you cover 25 pairs. Then each 25 Pair
>cable becomes a group in a larger cable. White/Blue Binder, White/Orange
>Binder, Etc.  That is all there is to know about the Primary Color Scheme
>no matter what size the Cable.
>
>
>Here is another less Common Color Scheme, which is generally used on Jack
>wiring and older Quad Cable (Inside House Wiring). Also, the jack wiring
>cable is usually stranded wiring.
>
>1. Gray          Also  Green/Red  and Black/Yellow
>2. Orange
>3. Black
>4. Red
>5. Green
>6. Yellow
>7. Blue
>8. Brown
>
>Another Useful Cable is used in the Alarm Business. I have found it in #24
>and #22 Guage, usually Stranded (7 Strands).

>
>Not sure of the Order on it without checking the book. The Colors are
>generally all solid colors.
>
>Black, Yellow, Blue, Red, White, Lt. Brown, Green, Pink, Violet, Orange,
>Dk. Brown, and Slate. 12 Conductors.
>
>
>MFJ used Telephone wire in a lot of their early products. I recall opening
>an MFJ CW Filter and being pleasently surprised to find Telephone Wire
>making the connections.
>
>It strips easy, solders well, has some tolerance to bending, and is cheap.
>
>Often Free. Make Friends with your local Telephone Technician.
>
>
>I am not sure how much Chuck Needed for his project, but I could send some
>
>6 Pair Cat 3 PVC Cable in a Priority Mailer for the Cost of Postage.
>
>Feel free to call me if I can provide more information.
>
>(36 Years with Ma Bell and Relatives).
>
>
>Sir George, The First :^}
>
>72 ES
>QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
>Former QRP A.R.C.I. Net Manager and Board of Director Member.
>Gingell & Company, Ltd. Small Business Telephone Systems
>Notary Public and Commercial Locksmith Services (301) 572-6789 Office & Fax
>George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
>Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1
>Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
>Grid Square FM19mb 76.94 W - 39.06 N  Silver Spring, MD 20904 QRPea.A.
>
>"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM
>

---

Date: Sun, 8 Apr 2001 11:21:28 -0400
From: "Ron Polityka" <wb3aal@fast.net>
To: "Appalachian Trail Award" <ATRAIL-L@Lehigh.EDU>, ". QRP-L" <qrp-l@Lehigh.EDU>,

". NJ QRP-L" <njqrp@njqrp.org>,
     ". Eastern PA QRP Club" <epaqrp-l@Lehigh.EDU>
Subject: [95944] AT in MD on 40M
Message-ID: <009601c0c040$9914efe0$9f0e5cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey Guys,

 Anyone is looking for Nick, K3NY, on the
Appalachian Trail in MD.

I can barley here him on 7.040 @ 15:15 UTC.
He is about a 119 here in Reading, PA.

72 & 73
Good DXing

Ron  Polityka
de WB3AAL
wb3aal@fast.net

vvv Eastern Pennsylvania QRP Web Page vvv
                 http://www.n3epa.org
Eastern Pennsylvania QRP Club Call
N3EPA    E-mail address:  n3epa@fast.net

EPA QRP #1                   ARRL Life Member
KL7 QRP # 309              G-QRP # 3031
ARCI QRP # 5318          10 - X #13173
NorCal                              Zombie #625
ARS # 380                        HI QRP #153
VA QRP Society #45     MI QRP #1703
K2 sn1392                        NJ QRP #179


------------------------------

Date: Sun, 8 Apr 2001 11:28:38 -0400
From: "Ron Polityka" <wb3aal@fast.net>
To: "Appalachian Trail Award" <ATRAIL-L@Lehigh.EDU>, ". QRP-L" <qrp-l@Lehigh.EDU>,
". NJ QRP-L" <njqrp@njqrp.org>,
     ". Eastern PA QRP Club" <epaqrp-l@Lehigh.EDU>
Subject: [95945] K3NY on AT in MD
Message-ID: <009701c0c040$9a217de0$9f0e5cd1@wb3aal>
MIME-Version: 1.0

Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just worked Nick, K3NY, on the AT in MD.
Real weak signal into Eastern PA, but workable.

7040.7 @ 15:21 UTC

Go get him!!

72 & 73
Good DXing

Ron  Polityka
de WB3AAL
wb3aal@fast.net

vvv Eastern Pennsylvania QRP Web Page vvv
                  http://www.n3epa.org
Eastern Pennsylvania QRP Club Call
N3EPA    E-mail address:  n3epa@fast.net

EPA QRP #1                   ARRL Life Member
KL7 QRP # 309              G-QRP # 3031
ARCI QRP # 5318          10 - X #13173
NorCal                              Zombie #625
ARS # 380                        HI QRP #153
VA QRP Society #45     MI QRP #1703
K2 sn1392                        NJ QRP #179


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Date: Sun, 8 Apr 2001 11:18:45 -0500
From: "Richard Matthews" <prm@hiwaay.net>
To: <warble_on@yahoogroups.com>, <qrp-l@lehigh.edu>
Subject: [95946] OP:Beacon Alert:
Message-ID: <000e01c0c047$96eb7c00$fb85150c@cable.scottsboro.org>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The floating WA4NWW PSK 10 meter beacon is riding the water and air waves at
10.130mhz from lovely Guntersville Lake Alabama.  The 817 is transmitting
500 milliwatts into a half wave dipole about 10 feet above the lake from my
old Shantyboat,

See if you can copy.

73

Richard WA4NWW

---

Date: Sun, 8 Apr 2001 12:39:48 -0400
From: "Joe Roof" <jroof@mindspring.com>
To: <qrp-l@Lehigh.EDU>
Subject: [95947] Re: K3NY on AT in MD
Message-ID: <000301c0c04a$889a4b60$430545cf@joes>

Just worked him on 20 meters.  RST 599 in Georgia.
14060.7 @ 1630Z

Joe w4jhr

---

Date: Sun, 8 Apr 2001 12:51:07 -0400
From: "Ron Polityka" <wb3aal@fast.net>
To: "Appalachian Trail Award" <ATRAIL-L@Lehigh.EDU>, ". QRP-L" <qrp-l@Lehigh.EDU>,
". NJ QRP-L" <njqrp@njqrp.org>,
     ". Eastern PA QRP Club" <epaqrp-l@Lehigh.EDU>
Subject: [95948] W4WWQ on the AT in VA
Message-ID: <024101c0c04c$1f4f1da0$9f0e5cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just worked Pete on the AT in VA.

7282.0 @ 16:44, He is about 55 right now in Eastern PA.

72 & 73
Good DXing

Ron  Polityka
de WB3AAL
wb3aal@fast.net

vvv Eastern Pennsylvania QRP Web Page vvv
http://www.n3epa.org
Eastern Pennsylvania QRP Club Call
N3EPA  E-mail address:  n3epa@fast.net

EPA QRP #1  ARRL Life Member
KL7 QRP # 309  G-QRP # 3031
ARCI QRP # 5318  10 - X #13173
NorCal  Zombie #625
ARS # 380  HI QRP #153
VA QRP Society #45  MI QRP #1703
K2 sn1392  NJ QRP #179

---

Date: Sun, 08 Apr 2001 17:32:42 +0100
From: "Chuck Adams, K7QO" <k7qo@earthlink.net>
To: qrp-l@Lehigh.EDU
Subject: [95949] [MH101] MV1662 vs. 1N4001
Message-ID: <5.0.2.1.0.20010408172541.00a129c0@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

Saw where some people were having trouble running down a VM1662 varicap
for their HB version of the SW-30+ rig.

I finished the VFO section for the SW-30+ and purposely did not solder in
the MV1662 until I got the VFO running, which I did and got it tuned into
the range of 10.101Mhz to 10.137MHz with the MV1662 in place.

I went to the parts bin (I went to HomeDepot yesterday and went over to the
closet storage section and bought a 10 tray plastic bin thingy for holding
all the parts in coin envelopes.  I do have that many parts so it's now
build until I die time or there will be a large estate sale.  :-)  ) and
brought out a 1N4001 diode.  Put in place of the MV1662.

I was able to get a range of 2.7KHz tuning with the 1N4001.  I bring this up
as a possible stop gap.  Whenever you are working on something and it is missing
a part or you don't have the exact part then you can substitute until the
'real' part arrives (except on Saturdays).

FYI

I also found some #26 wire solid tinned copper with solid colors at Fry's Electronics in PHX.  So I'm set now and I have some of the telephone cable coming from CO and CA....  Thanks guys.

Chuck Adams, K7QO  CP-60
Prescott, AZ  k7qo@earthlink.net http://www.qsl.net/k7qo http://moon.pr.erau.edu/~adamsc

TMPS-2001  Mar 27, 2001  Q's = 398 States = 47 Counties = 316 DXCC = 13
SWL-30 with CMOS 3 keyer and HB Iambic Paddle  0.500W and vee-beam

States Needed  AK  DE  VA

DXCC --- K  XE VE KH6 V73 HI3 FM5 OH3 C6 ZL1 CO8  ZS6 EA8

---

Date: Sun, 8 Apr 2001 12:35:22 -0500
From: "Jim" <sunwatt@starband.net>
To: "SSTV" <MM-SSTV@yahoogroups.com>, "QRP-L" <qrp-L@Lehigh.edu>, "QRPARCI" <qrparci@listbot.com>, "K2-L" <elecraft@qth.net>, "Daryl-HNX" <darylw@eritter.net>,
    "DigitalRadio" <digitalradio@yahoogroups.com>
Subject: [95950] 1st SSTV QSO
Message-ID: <00a201c0c052$54db8de0$9a354794@computer>
MIME-Version: 1.0
Content-Type: text/plain;
    charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Today I got my 1st QSO on this mode. Band conditions on 10M were long, but I couldn't catch any DX I was RX'ing. But when I went to 14.233mHz I was able to hook up with VE4AAU.
All the slow scanners use USB, and microphones to chat between pictures, but I caught George waiting for his friend to go do something and quickly sent him my CQSSTV picture.

He came back, and sent me one, and I sent him another, along with my thanks for my 1st sstv contact.

My rig is the Elecraft K2, 3 watts to a half square up 20ft. The sound card set up is the same as psk31, so if your already set for that, then your wired and ready to go!

Software is MMSSTV 0.20 (freeware) http://www.geocities.com/mmhamsoft/

have fun - Jim  KJ5TF

---

Date: Sun, 8 Apr 2001 19:52:55 +0200
From: "Nico Vertriest" <nvcw@village.uunet.be>
To: "qrp-l" <qrp-l@LeHigh.edu>
Subject: [95951] Transistor checker TR-1
Message-ID: <001901c0c054$bdf66000$6201bed4@immvu>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

Is there anyone who has a transistor checker, brand "Life" model TR-1 ?  I bought it on a hamsale, it works nicely, but no manual was provided and it has some some functionalities I don't understand.

Thanks in advance.

73

Nico
on4civ

---

Date: Sun, 8 Apr 2001 13:03:48 -0500
From: "David Bixler" <qrp@netins.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [95952] Arkicon 2001 Report and Pictures
Message-ID: <DBEPKBJHOOEAHCKKIHPFEEIDCAAA.qrp@netins.net>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hey Gang:

Boy, we had a blast down at Ft. Smith yesterday.  If you wern't there, you sure missed a great time.  Jay and the Ft. Smith QRP Group really go all out for Arkicon.

The full report and pictures are posted on my web sites in the signature line below.

Thanks to W5JAY, K5PWR and the whole Ft. Smith group for a wonderful day of QRP fun!

72.

Dave

David Bixler   W0CH - VK2IQX
Seneca, MO
Main Web Site: http://www.qsl.net/w0ch
Mirror Site:   http://showcase.netins.net/web/w0ch

QRP:  Little Radios, Big Fun!

---

Date: Sun, 8 Apr 2001 14:10:34 -0400
From: "Kevin F. Glynn" <kfglynn@mindspring.com>
To: <qrp-l@Lehigh.EDU>
Subject: [95953] What's the best solder for general kit building?
Message-ID: <000401c0c057$35f7e4a0$0b18f7a5@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi gang,

I know this question's been asked before over the years, but was wondering what's the best solder to use for general kit building; brand and type? Figured with all the Manhattan building going on you must be using the stuff more then ever.

Please reply direct and I'll put out a message later with all the votes.

72 Kevin N2TO
Brooklyn, NYC

kfglynn@mindspring.com

---

Date: Sun, 8 Apr 2001 13:13:26 -0500
From: "Jay Bromley" <w5jay@alltel.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [95954] Arkie-con Report (Short Version)
Message-ID: <000701c0c057$9c418040$6518150a@alltel.net>

Wow! What a weekend. It must be illegal to have this much fun. About 150 qrpers showed up Saturday for the third annual Arkiecon QRP Forum sponsored by the Ft. Smith QRP Group. The fun actually started Friday night, with the No Host dinner at the Ribeye. We had an overflow crowd and took up 2 banquet rooms, they were thrilled with the business, and we were thrilled with the great food, and better looking waitresses. I must report that Tony Fishpool wussed out and did not try the Turkey Fries, but George Heron, JayBob, Jeff Logullo and Dick Wohlschlag all bellied up to the table and loved them. Keith Newman was all smiles as he saw all of his friends trying his favorite appetizer. After dinner we all went back to the hotel,where they graciously provide a free hospitality room because the qrpers bought all the rooms in the hotel this weekend.

We had a jam session with Chuck Carpenter, Jim Kortge, George Heron, Doug Hendricks, Graham Firth, Mike Fitzgibbon, Nick Kennedy and probably a couple of others as well. It is amazing how many qrpers are also guitar players. The evening broke up about midnight as the guys were anxious to get plenty of rest for the next day.

Saturday, we started off with George Heron who did a fantastic job of explaining PSK31 to all of the guys. Guys loved his slides and very clear explanation of the ins and outs of PSK. Several of you heard George's presentation at Pacificon and Atlanticon, and the comments that I heard from those folks were that this was George's finest hour.

Then we all got to experience a stroke of genius from JayBob. He, unlike all other forums, scheduled a one hour break so the guys could go enjoy the hamfest and the flea market. You should have seen the huge crowds around Dennis Foster, KK5PY, and his TeNeKe display. Dennis has a wonderful set of paddles that are inexpensive $20 - $40 depending on the model. He even has a new paddle that clips on the bail of the K2 and you just have to see it to appreciate it. It was the talk of all the K2 owners who all wanted to buy one right now. Dennis says that he is going to definitely bring it out.

Vern Wright, W6MMA, was there selling his MP-1, and he sold out before lunch. When I say sold out, I mean sold out of MP-1's, PW-1's, tripods, mobile kits, 80 meter coils, collapsible whips, and of course the powder

coated FT817 brackets that you just have to have if you have an 817. By the way, there were at least a dozen FT817's running around the hamfest. The supply must be loosening up. The Yaesu dealer sold all 6 of the ones that he brought to the hamfest.

The next speakers were our two distinguished guests from England, Mr. Fishpool and Mr. Firth. Tony and Graham, did their fabulous presentation of Test Equpment that Doesn't Cost a Mint. They had the audience totally mesmerized with their talk, and the only thing wrong was their reference to how I am going to be reincarnated. But I must forgive them for their transgressions. The crowd loved their accent, and especially the convuluted explanation of the British system of schematic notation. The best line of the day was when Jim Duffey asked if a 2N2222 was a 2.2222 transistor.

Then we had a 2 hour break for lunch and came back at 2:30 for Jim Kortge's talk on the evolution of the 40 - 17 transverter. Jim is amazing. He and Paul Harden, are without a doubt, the best two speakers I have ever heard at making a complex subject understood by every member of the audience. He had all of the slides for the project, including a wonderful series of drawings and illustrations by Paul Harden, on overheads and went through the whole design part by part.

Every presentation was standing room only and I counted over 130 for Jim's talk.

The last official act of the day was the drawing for the grand prize, which of course is the HOTTEST selling qrp radio in the US, the FT817 with the CW Filter, purchased by the Ft. Smith QRP Group, a complete set of 3 Dennis Foster paddles, a BLT, a Norcal Doublet, (all donated by Dennis Foster), and a complete MP-1 antenna setup from Vern Wright, including the MP-1, the 80 meter coil, the tripod stand, the whip, the powdercoated mount, the mobile mount, the whole kit and kaboodle. The grand prize was a $1300 value and the winner was Chuck Carpenter, from Texas who was celebrating his wedding anniversary at the hamfest, a true ham, and was thrilled with the prize.

During the day, door prizes donated by NJQRP Club, including a Beacon Kit, SMK-1 Case Kit, and a Warbler kit, 3 NorCal Toroid kits from Norcal, 2 NorCal T shirts from Jerry Parker, and Dave Fifield sent 15 Red Hot Radio T shirts that were distributed to the Red Hot Radio owners in the audience.

A feature of Arkiecon is the free barbecue Saturday night. Everyone enjoyed the dinner, and the fun visiting. The building contest was won by Mike Fitzgibbon, N0MF, who brought several examples of his handiwork, but the piece de resistance was the Super Regen designed by Charles Kitchen. The tuning dial feel brought a smile to my face as it reminded me of fond memories that I cherish.

Second place was an SMK-1 built by Mark Hogan, who is the guy who built

Santa's Radio on the December cover of QST.

Third place was a Iowa QRP 10 started by Darryl Swenson from Omaha.

A great time.  Thanks to all who came, we had a great time.  Guys were there from Texas ( a ton of them), baja Kansas (Dub Thornton, Clif Sikes, Burl Keeton, Dennis Foster, Royce Rainwater and many, many others took advantage of the relaxed borders arranged by Governor Dooley for the weekend), Kansas, Nebraska, Iowa, Tennesee, Missouri, and a whole bunch of others I probably forgot to mention.

JayBob, you did a great job.  Thanks for the super weekend.  If you missed it, we all plan to be here next year.  72, Doug, KI6DS

---

Date: Sun, 8 Apr 2001 11:32:12 -0700
From: Bob Nielsen <nielsen@oz.net>
To: qrp-l@lehigh.edu
Subject: [95955] [Fwd: [DXR] QRP DXpedition]
Message-ID: <20010408113212.C2388@oz.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

----- Forwarded message from Edward Kritsky <red@escape.com> -----

Date: Sun, 08 Apr 2001 06:51:10 -0400
From: Edward Kritsky <red@escape.com>
X-Mailer: Mozilla 4.7 [en]C-CCK-MCD NSCPCD47  (Win95; I)
X-Accept-Language: en,ru
To: DX News <dx-news@pro-usa.net>
Subject: [DXR] QRP DXpedition
Precedence: bulk
X-UIDL: bRa"!Eb5!!e~a!!2Hm"!

The following was relayed to me by UZ8RR:

QRP-PEDITION OF THE UR-QRP CLUB

 The Ukrainian QRP Club will hold its  first  QRP-DXpedition  to  the mountain of Ai-Petri in the Crimea, between 4 -11 of May, 2001. The main goals of this expedition are: to popularize low power operating,

to attract the hams' attention to the QRP movement, to show boundless possibilities for low power work, to test QRP home-made transceivers, to make new friends.

A special call of the QRP-DXpedition is EM5QRP.

The members of team are: RK3ZK, UR6IRL, UR7IRL, US1RCH, US1REO, UU4JCQ, UY1AW, UZ8RR ...
The output power of the TX will be to 5 Watts - CW, to 10 Watts - SSB. Operating will be conducted mainly on the international QRP frequencies. RTTY and SSTV mode work is being planned too.

Three correspondents, who will have the largest number of the QSOs with the QRP-DXpedition members on various bands, will get prizes - books, published by Igor Grigorov, RK3ZK.

All correspondents will receive a special QSL-card confirming the QSOs. Those who wish to get the QRP-DXpedition pennant must send their QSL and 4 IRC to the expedition QSL-manager: UR7IRL, Vladimir Tretyakov, Post Box 41, Konstantinovka-10, Donetsk Region, 85110, Ukraine.

73! Peter Grytsay, US1REO
E-mail: us1reo@urqrp.ne.cg.ukrtel.net

--
Edward Kritsky, NT2X
New York, USA
Incoming E-mail: red@escape.com

---



----- End forwarded message -----

--
Bob Nielsen, N7XY nielsen@oz.net
Bainbridge Island, WA http://www.oz.net/~nielsen
IOTA NA-065, USI WA-028S

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Date: Sun, 8 Apr 2001 14:30:32 -0400
From: "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>

To: "'dafouchey@home.com'" <dafouchey@home.com>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [95956] RE: Telephone Wire
Message-ID: <078F21595FA7D411B87B00805FA728E64A4692@atlexc02ntms.hboc.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"

And lastly, If your house is wired with CAT5 cable (which I did mine) you will not have any problems with RFI for you transmitter 8-). The quick solution for those who may be plagued with Telephone Interference.

Jerry
W3CDE
29 years ATT & BTL

-----Original Message-----
From: Dave Fouchey [mailto:dafouchey@home.com]
Sent: Sunday, April 08, 2001 11:06 AM
To: Low Power Amateur Radio Discussion
Subject: Re: Telephone Wire

A little added info on Telephone cable. Cat Three cable, typically used for voice, is much more loosely twisted than Cat 5 cable which has more twists per inch. cuts down on cross talk particularly when running 100 meg ethernet over it. You will find it in both Poly and Flame Resistant (Plenum Rated) outer insulation depending on if it needs to run through a plenum chamber or not. (E.G. if it penetrates an air handling duct it must be plenum rated, high flame temp.) Makes great wiring for projects where flexing isn't going to be a problem. It comes up to 19 gauge down to 26 gauge fairly commonly. Most of the large Home Centers: Lowes, Home Depot carry it in their wiring areas and you can get an awful lot of wire fairly cheaply.

And if you know a telephone tech we generally have tag ends which we toss and would be happy to give to anyone with a use.

Hope it helps

Dave
WA4EMR/8
At 01:58 AM 4/8/2001 -0400, George Gingell wrote:
>Telephone wire comes in a variety of flavors and colors. Most of what you
>will find is #24 Gauge Soft Drawn Copper with a PVC insulation. It can be
>found in 1,2,3,4,6,12, & 25 Pairs with or without an external PVC Outer
>Sheath, Generally Gray.
>

>The Basic Colors are Blue, Orange, Green, Brown, Slate, with a mateing
>color or tracer of White, Red, Black, Yellow, and Violet.
>
>A Common 6 pair, #24, CAT3, PVC Cable would be as follows:
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>
>Pair #4 = White/Brown, Pair #5 = White/Slate,  Pair #6 = Red/Blue
>
>The Tip (+) is the Tracer Color (White) and the Ring (-) is The Solid
>Color (Blue).  Older types used solid color for the tip also. In which
>case you had 5 leads with the same group color. White, Red, etc.
>This ment that you had to be extra careful not to let the cable fan out
>with out putting an extra bit of twist in the ends. Don't want to split
>the pairs. (Number one cause of Crosstalk).
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>The Color sequence for the Groups and Tracers is White, Red, Black,
>Yellow, and Violet.
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>Binder, Etc.  That is all there is to know about the Primary Color Scheme
>no matter what size the Cable.
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>
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>wiring and older Quad Cable (Inside House Wiring). Also, the jack wiring
>cable is usually stranded wiring.
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>1. Gray          Also  Green/Red  and Black/Yellow
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>and #22 Guage, usually Stranded (7 Strands).
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>Not sure of the Order on it without checking the book. The Colors are
>generally all solid colors.
>
>Black, Yellow, Blue, Red, White, Lt. Brown, Green, Pink, Violet, Orange,
>Dk. Brown, and Slate. 12 Conductors.
>
>

>MFJ used Telephone wire in a lot of their early products. I recall opening
>an MFJ CW Filter and being pleasently surprised to find Telephone Wire
>making the connections.
>
>It strips easy, solders well, has some tolerance to bending, and is cheap.
>
>Often Free. Make Friends with your local Telephone Technician.
>
>
>I am not sure how much Chuck Needed for his project, but I could send some
>
>6 Pair Cat 3 PVC Cable in a Priority Mailer for the Cost of Postage.
>
>Feel free to call me if I can provide more information.
>
>(36 Years with Ma Bell and Relatives).
>
>
>Sir George, The First :^}
>
>72 ES
>QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
>Former QRP A.R.C.I. Net Manager and Board of Director Member.
>Gingell & Company, Ltd. Small Business Telephone Systems
>Notary Public and Commercial Locksmith Services (301) 572-6789 Office & Fax
>George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
>Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1
>Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
>Grid Square FM19mb 76.94 W - 39.06 N  Silver Spring, MD 20904 QRPea.A.
>
>"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM
>


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Date: Sun, 8 Apr 2001 13:54:46 -0500
From: "Richard Matthews" <prm@hiwaay.net>
To: <qrp-l@lehigh.edu>
Subject: [95957] Re: OP:Beacon Alert:
Message-ID: <006a01c0c05d$61f4d260$fb85150c@cable.scottsboro.org>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sorry guys I posted the wrong frequency. The beacon is on 10 meters at
28.130 not 10,130 I'll let it run about another hour . . no reports yet. . .

.I wonder why?

duh

Richard WA4NWW

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Date: Sun, 8 Apr 2001 15:00:24 -0400
From: "Howard Kraus" <K2UD@adelphia.net>
To: <k7qo@earthlink.net>
Cc: <qrp-l@Lehigh.EDU>
Subject: [95958] Re: [MH101] MV1662 vs. 1N4001
Message-ID: <000701c0c05e$2b26dd40$0f603018@buf.adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am not certain what the specs are on the MV1632 vs. the MV1662, but I have
(2) of the 32's that I do not need.  Does anyone need some?  I'll trade for
an MVAM108.

TNX to all es 72

Howard Kraus, K2UD

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Date: Sun, 08 Apr 2001 19:16:05 +0000
From: Garie Halstead <k8kfj@ntelos.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [95959] K3NY just worked on the AT
Message-ID: <3AD072A4.945FB63E@ntelos.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Nick is now on 7040 and 579 here in WV.  Worked at 1910z.

72 //Gary *K8KFJ*

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Date: Sun, 8 Apr 2001 15:48:22 -0400

From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [95960] Re: [MH101] MV1662 vs. 1N4001
Message-ID: <072401c0c064$e2c1fb00$010044c0@baycty1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I always get curious about these things, so I went digging around to compare sources of varactors.  The only place I found with a quick look that had the 1662 was Dan's.  But the difference in price of the various sources is interesting:

| Part | rs.com | Dan's RF | Parts Alltronics | | |
|---|---|---|---|---|---|
| MV2101 | 0.59 | 1.35 | | | 7.5 |
| MV2102 | | 1.00 | | | 8.2 |
| 1S2208 | | 1.00 | | | 13 |
| MV2105 | 0.59 | | | | 15 |
| MV2107 | 0.59 | 1.35 | | | 22 |
| 1N5449 | | 1.35 | | | 27 |
| MV209 | 0.64 | 1.35 | 2.25 | 0.45 | 32 |
| MV2109 | 0.59 | | 2.45 | 0.90 | 33 |
| MV2209 | | 1.00 | | 0.75 | 33 |
| MV104 | 0.64 | 1.65 | | | 37 |
| MV2115 | 0.79 | 2.00 | | | 100 |
| MV2301 | | 1.00 | 2.45 | | 120 |
| MV1403 | 8.19(!) | | | | 210 |
| MV1662 | | 1.65 | | | 275 |

72/73 de WB8RCR    http://members.home.com/wb8rcr/index.htm
didileydadidah     QRP-L #1446 Code Warriors #35

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Date: Sun, 08 Apr 2001 14:50:30 -0700
From: Beth Gardner / Dan Maguire <BethDan@pacbell.net>
To: qrp-l@Lehigh.EDU
Cc: ac5ez@webtv.net
Subject: [95961] Re: coax
Message-ID: <3AD0DD26.21AB@pacbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Hi Larry,

I've got some catalogs which show the following specs for the cables you mentioned.

| | K1 | K2 | dB/100 ft at 10 MHz |
|---|---|---|---|
| RG174 | .762 | .0096 | 2.51 |
| RG316 | .787 | .0012 | 2.50 |
| RG8(213) | .169 | .0020 | 0.55 |
| RG8X | .269 | .0057 | 0.91 |

The matched line (no SWR) loss per 100 feet at any frequency is:

ML = K1 * sqrt(Freq) + K2 * Freq,  where Freq is in MHz

Dan  AC6LA

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Date: Sun, 08 Apr 2001 13:58:21 -0800
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: Jim Worthington <ad4j@arrl.net>
Cc: NoGA reflector <nogaqrp@qth.net>, "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [95962] Re: AL7FS questions about KL7Y operation
Message-ID: <3AD0DEFD.E0BD9017@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jim Worthington wrote:
>
> Are you doing WAS as part of the NoGa competition (QSOs since Feb. 1)?
>
No, Jim, I am not.  However, I was tickled to work Nebraska for that QRP WAS finale.
http://www.qsl.net/al7fs/qrppwas.html  I have never gone after the cards so I will probably never have a piece of paper on the wall for it.  I have my 2 meter WAS #36 and I don't even know where I have it stored.
Oh, well...

> I'm curious when you went to 20 meters the final time (I know you were on 20
> briefly near the beginning of your operation, but propagation to the east
> coast was pretty awful then). I first heard you at 0019Z and wonder if you
> had just QSYed from 10 to 20 meters then.
>
Here is the schedule as the bands directed me.  If my call rate went to zero for 10-15 minutes I moved bands.

April 7, 2001
1850Z  CQ 10   no answers

1908Z  CQ 15   Six QSOs ending 1956Z - CO CA TX MD VA FL
2006Z  CQ 20   Four QSOs ending 2018Z - OR CA OR WA
2032Z  CQ 15   28 QSOs ending 2317Z - SC IA TN TX FL NJ NY SC
               ONT CA GA SC TN SC GA IN GA IN GA TN AZ KY AZ TN
               CO SK TX TX CA MO MO
               N4XXR @ 70 mW, K4BX @ 100 mW, N5FC @ 50 mW
2330Z  CQ 10   Four QSOs ending 2352Z - MO TN SK JAPAN (JI1HFJ)

April 8, 2001
0018Z  CQ 20   40 QSOs ending 0235Z  GA WA MN CO TX OR IA CA WI OR
               NM MO WA MD CT GA AZ IA NY TX CA !!NE!! NJ CO MI
               FL WI KY AB GA GA OR IA GA MN GA OK NY
               K6III @ 500 mW, N0DSP @ 100 mW, AF4PS @ 500 mW

That is the extent of the day. Twenty meters was producing so well that I never went back and checked 15 meters.  I have about 80 QSOs in the log and had fun playing with the QRPp stations.  Probably N5FC takes the cake on QRPp as he called me with ONLY the 50 mW and got my attention. Fun stuff.

K7FD created the most humorous QSO.  Neither Dan nor I noticed the SSB Notch filter was on and John was the first QSO on 20 meters (KL7Y has a different operating station for each band).  The filter did a great job of "notching K7FD out" and I kept trying to follow him all over with the RIT.  :-)  I no sooner got him tuned in when the filter notched him out.  Dang good filter.  I sure thought that John's rig was moving all over the band on transmit.  After the QSO (Yes, we really did finish), I looked the rig over and figured out that notch filter had best be turned off.  It provided a good laugh for Dan and me during a short break.

> This was really great for us. I'm sure it was hard work for you. We really
> appreciate you doing it.
>
It was great for me, too.  I was worried when the bands died at about 10:00 AM up here and they did take a bit to recover...but they did.  I look forward to the day I am up at KL7Y when the bands are good.  Dan tells me that has never happened for me yet, and he should know.

KL7Y station antennas:
10 meters - four 5-element stacked for 20 total elements.  Top at 125 feet.
15 meters - two  5-element stacked for 10 total elements.  Top at 125 feet.
20 meters - one  5-element at 125 feet.  There is a second lower 20 meter beam which gives a different take-off angle when needed.
30 meters - I think it is a dipole at 125 feet but the switching mechanism was blowing fuses yesterday so it was inop.

40 meters - one 3-element antenna at 160 feet.
This one (forty meters) will have to wait until this fall.  Our sunset
is now after 0500Z and it is 60 miles out to Dan's house via the roads
(35 airline miles from the house).

Dan's noise level on all three bands (not counting QRM) sits on Zero.
That is very nice for QRP work.

Dan's rigs are all Yaesu - 920, 990, 1000MP, 1000MP Mark V.  They seem
to be fully loaded with filters.


> I hope we can have an eyeball QSO one day.>
> 72/73,
> Jim, AD4J
>
I hope so, also.  Remember that I do have a breakfast and lunch offer
out there on QRP-L.  Make sure you contact me when you are in Anchorage.

73, Jim
--
Jim Larsen,  AL7FS,  Anchorage, Alaska
(BP51cc) - 61.101 North, 149.824 West
http://www.qsl.net/al7fs/

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Date: Sun, 8 Apr 2001 17:37:43 -0500
From: "Michael Melland" <w9wis@charter.net>
To: <qrp-l@lehigh.edu>
Subject: [95963] Misc + Great Deal on Fluke RF Probes
Message-ID: <003201c0c07c$86adf900$a15d53d1@computer>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I just returned from todays hamfest in Madison, Wisconsin.  The most
interesting radio I saw was an OHR 40 meter qrp rig.... really nicely built,
not a scratch on it.... wasn't of the current production I don't think and
it had a "name" although I'll be darned if I can remember it.  Guy selling
it had all the original docs and original box.... was asking $100.

But the deal of the day IMHO was the Madison Area Technical College display
and Terry O'Laughlin, WB9GVB the Director of their Electronics program.  He
had some misc personal items for sale and what caught my eye was an entire
box (30+) of new Fluke 82RF high frequency RF probes.  He also has some of
the newer Fluke 85 probes.

The best part is that if you need a nice RF probe the price is right ..... $15 for a new 82RF and I think he was selling the 85's for $20 ! I bought two Model 82's.... at that price you can't go wrong..... great probes... here are some specs: (and btw he sends along the instruction sheet and these probes can be calibrated by you)

Freq response - 100 kHz to 200 MHz - +/- 1 dB
200 MHz to 500 MHz - +/- 3 dB
(Useful for relative readings (peaking) from 20 kHz to 700 MHz)

Responds to peak value of input and calibrated to read rms value of a sine wave

Voltage range - .25 to 30V rms (30V rms or 200V dc max)

82RF is compatable with any dc voltmeter that has an input resistance of 10M Ohm +/- 10%

Connector - standard .75 inch spaced dual banana connector.

If you are interested in a probe his personal email is terryo@wort-fm.terracom.net and he will sell you one. I told him I would post this to our list so tell him you got the info from a customer at the MARA hamfest. Don't forget to ask him to send an instruction sheet..... if he runs out of the sheets I can make a copy of mine for you.

--
Michael Melland, W9WIS
Winneconne, Wisconsin USA EN54pc
qrp-l #1656 - qrparci # 9875 - iparc #252
http://www.qsl.net/w9wis

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End of QRP-L Digest 2153
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